





PERSONAL INFORMATION



Barbu Mircea-Alexandru

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 <https://github.com/BarbuAlexandru>

Sex Male | Date of birth 23/06/1998 | Nationality Romanian

EDUCATION AND TRAINING

01/10/2017–Present

Engineer Degree

Facultatea de Automatica, Calculatoare si Electronica, Craiova (Romania)

Field: Computer Science in English (CEN), year 3 of studying, with the emphasis on:

- object oriented programming;
- electronics and electrotechnics;
- logical design and computer organization.

15/09/2013–22/05/2017

Baccalaureate Diploma

Colegiul Național Pedagogic "Ștefan Velovan", Craiova (Romania)

Profile: Mathematics and Informatics.

15/09/2005–21/06/2013

General Education Graduation Certificate

Colegiul Național Pedagogic "Ștefan Velovan", Craiova (Romania)

PERSONAL SKILLS

Mother tongue(s)

Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B1	B2	B2	B2
Baccalaureate Diploma					

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

- good communication skills acquired over time;
- good social skills with openness to people;

Organisational / managerial skills

- good teamwork skills acquired through several team projects;
- logical and analytical thinking with an emphasis on organization and order.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving

Proficient user	Proficient user	Proficient user	Proficient user	Proficient user
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Digital skills - Self-assessment grid

- knowledge of Microsoft Office Suite;
- knowledge of Java, C, C++, Prolog and GML programming languages and some knowledge of Python programming language.
- knowledge of Windows and Linux operating systems.
- knowledge of Xilinx and Autodesk Inventor.
- good knowledge of Logical Design.
- good knowledge of programming.

- Other skills**
- good knowledge of mathematics, reaching the county stage at the mathematics Olympics;
 - good knowledge of developing and publishing applications, with 7 published applications in Google Play Store.

- Driving licence** AM, B1, B

ADDITIONAL INFORMATION

- Workshop**
- Workshop name: HELLA Embedded Programming Workshop 2019.
Participation period: 13.01.2019 - 24.06.2019.
Focused on: Embedded Programming.
Objective: Develop a software for air conditioning in a car.

- Competition**
- Competition: Concursul Doljan de Matematica, 11th grade.
Place obtained: Second (2nd).
Discipline: Mathematics.

- Competition**
- Competition: Catalyst Coding Contest
Team: team of three people.
Date: November 2018
Location: Craiova
Problems solved: 3 out of 7.
GitHub to resolved Problems:
https://github.com/AlexBarbuM/Concursuri_si_Probleme_Competitive/tree/master/Catalyst_Coding_Contest_Nov_2018_Craiova/levels%20Catalyst

- Project**
- Project Name: Moon Run.
 - Project Type: Application (Game).
 - Made with: Java (and libGDX library).
 - Link to the project in Google Play Store:
<https://play.google.com/store/apps/details?id=com.Alex.MyGame>

- Project**
- Project Name: 2048.
 - Project Type: Application (Game).
 - Made with: Java.
 - GitHub to the source code:

<https://github.com/BarbuAlexandru/CV/tree/master/2048>

- Project**
- Project Name: Mandelbrot Set.
 - Description: An application that shows the Mandelbrot Set in great detail.
 - Project Type: Application.
 - Made with: Java.
 - GitHub to the source code:
https://github.com/BarbuAlexandru/CV/tree/master/Mandelbrot_Set

- Project**
- Project Name: Neural Network to Play Flappy Bird.
 - Description: A neural network based Artificial Intelligence that can play Flappy Bird.
 - Project Type: Application (Game).
 - Made with: Game Maker Studio.
 - GitHub to the source code:
https://github.com/BarbuAlexandru/CV/tree/master/Flappy_Bird_AI.gmx

- Project**
- Project Name: Encrypting and Decrypting.
 - Description: A program that can encrypt and decrypt text.
 - Project Type: Application.
 - Made with: C.
 - GitHub to the source code:
https://github.com/BarbuAlexandru/Facultate_AD_An1_Semestru2/tree/master/Encrypting_Decrypting